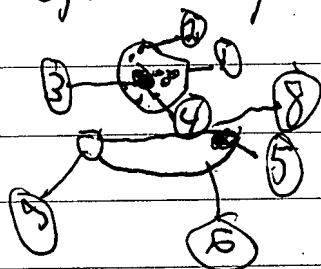


Patent Application (Utility): H_2 Separator Using Gravity and Water Pressure (mechanical Action in subsequent embodiments);

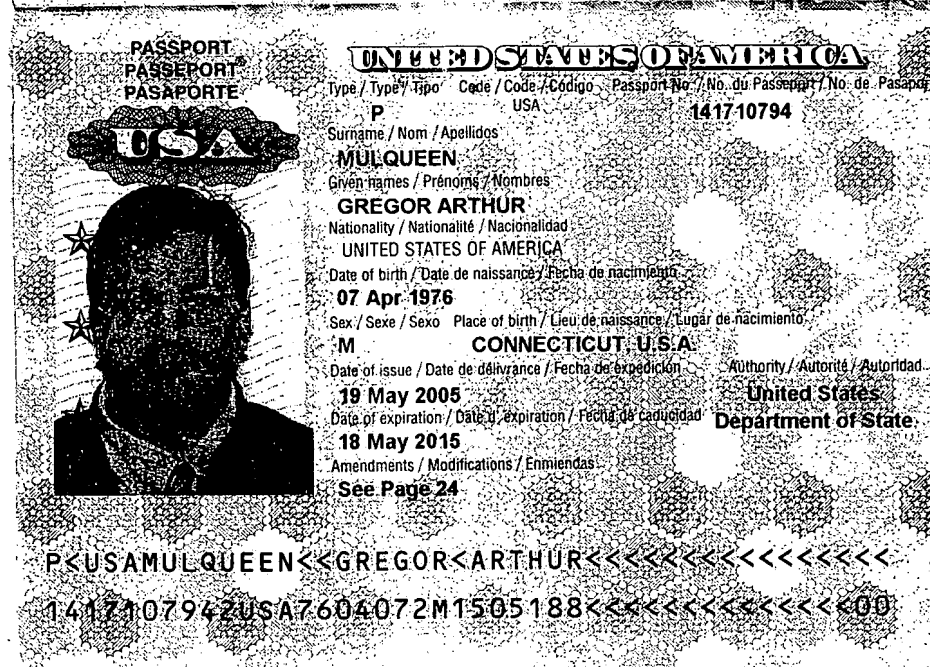
By Gen. Tex Alpen, USAF (Ret.) Covert, aka Mr Gregor Arthur Mulgrew, CEO Alpen Organic Industries, Inc. Branford, CT 06405 USA M 1505188

The present invention came about after my retractable solar concentrating trough, (and now dish) and is a necessity for backup heating of (commercial) greenhouses which the troughs are placed in, (under the roof, above the floor, and can employ preheating thermal fluid loops.) I did most of the work theoretically, (as I am a Theoretical Physicist by training - past member National Society of Physics Students 1986 via Yale Univ.) The troughs are hung from a horizontal pipe which I refer to as the absorber pipe. This pipe is suspended from the roof and collects heat which is transferred to a tank via fluid in the pipe. A thermal sensor activates the troughs to open or close the trough material using piezo-electric motors (with ideally a rack and pinion frame.) The high temperature of the fluid led me to conclude that if microscopic holes were drilled through the absorber pipe - H_2 could be recovered and transported through an outer pipe, and delivered to a compressor (and tanks.) To the best of my knowledge I am the first to invent this technology. I have been plagued by thieves, spies, and terrorists - kidnapped, held hostage, and was drugged for some 5 years, 9 months, POW-MIA 4 years - 2001 - 2006. Tex Alpen May 8, 2007



- ① outer pipe
- ② H_2
- ③ absorber pipe
- ④ water (fluid)
- ⑤ motor
- ⑥ trough rack & pinion
- ⑦ filter condenser
- ⑧ trough

Further,





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